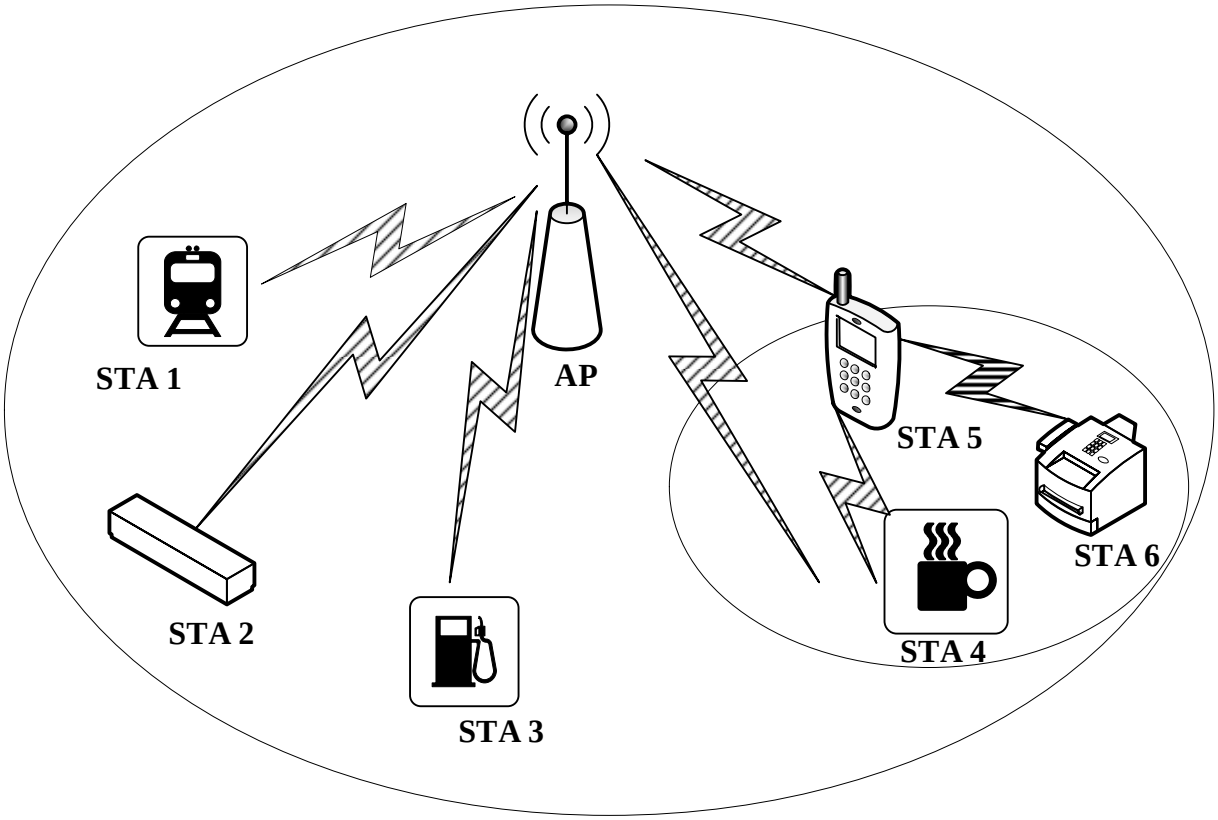


FIG. 1

L-STF	L-LTF	L-SIG	BPSK-Mark1	BPSK-Mark2	WUR-Sync	WUR-Data

FIG. 2

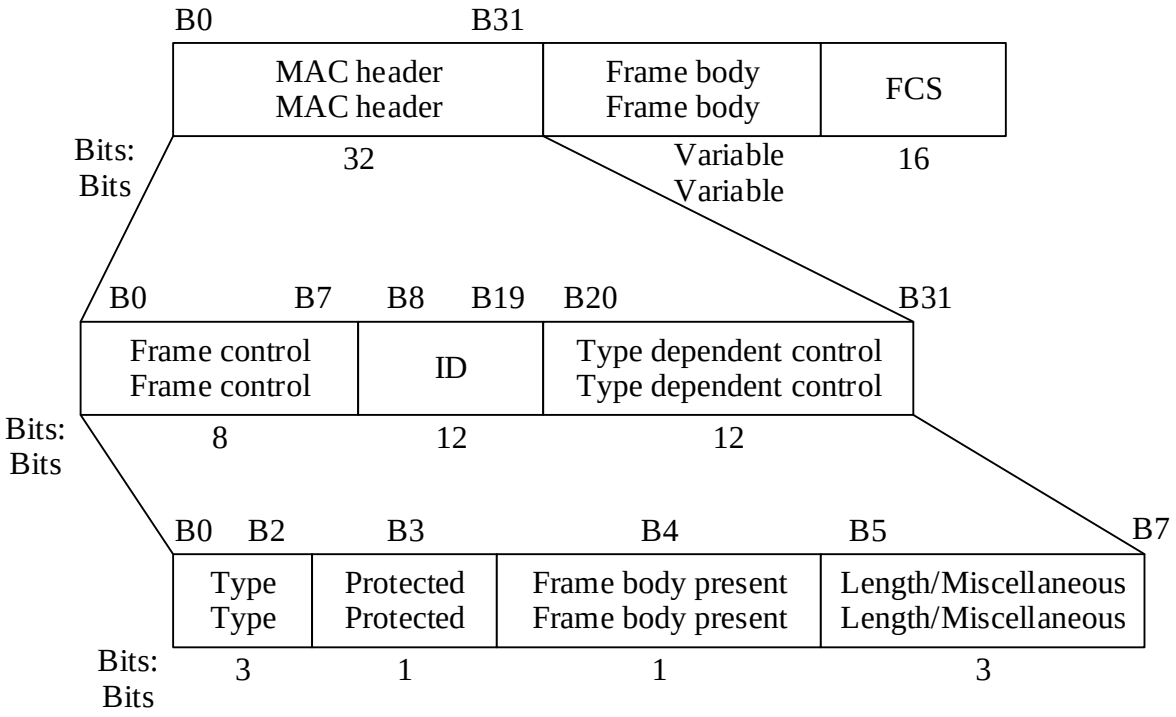

B0
B31
MAC header
MAC header
Frame body
Frame body
FCS
Bits:
Bits
32
Variable
Variable
16
B0
B7
B8
B19
B20
B31
Frame control
Frame control
ID
Type dependent control
Type dependent control
Bits:
Bits
8
12
12
B0
B2
B3
B4
B5
B7
Type
Type
Protected
Protected
Frame body present
Frame body present
Length/Miscellaneous
Length/Miscellaneous
Bits:
Bits
3
1
1
3

FIG. 3

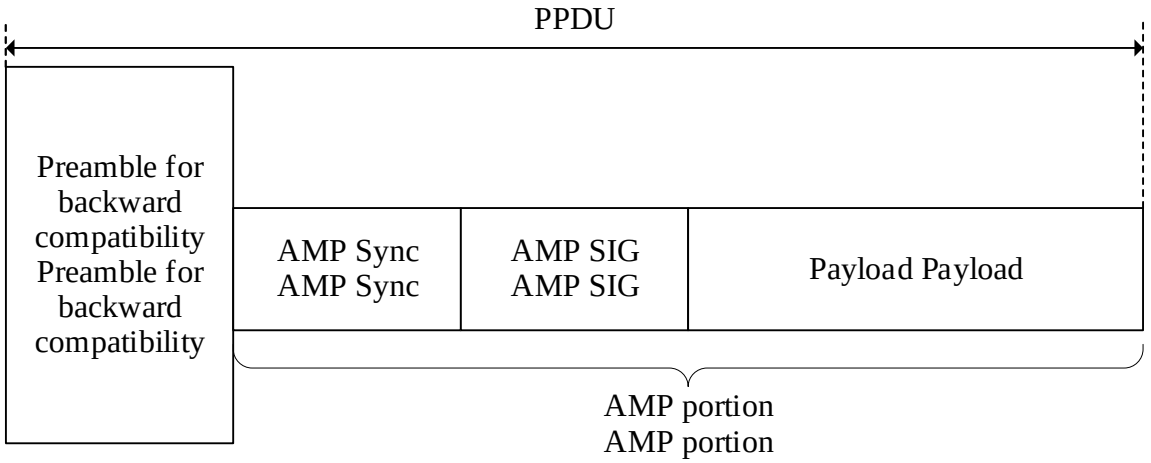

PPDU
Preamble for backward compatibility
Preamble for backward compatibility
AMP Sync
AMP Sync
AMP SIG
AMP SIG
Payload Payload
AMP portion
AMP portion

FIG. 4

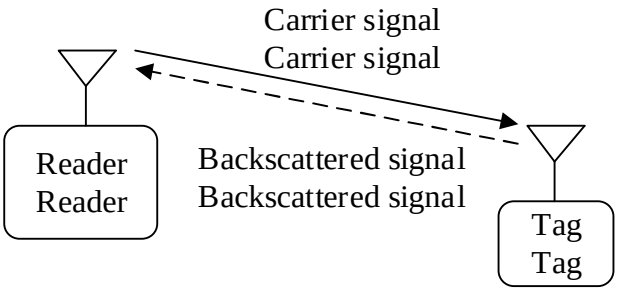


FIG. 5A

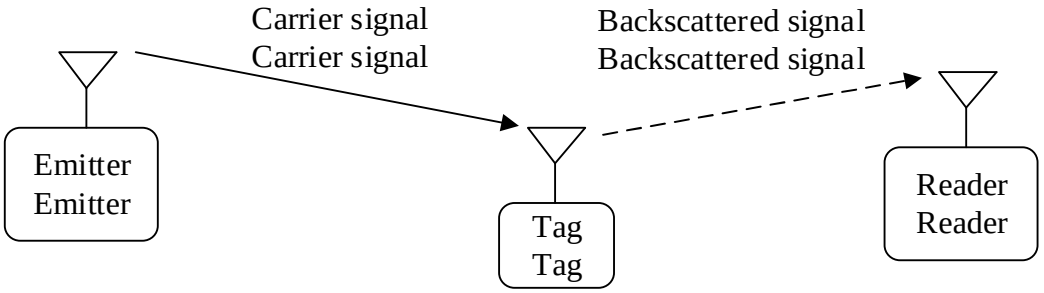


FIG. 5B

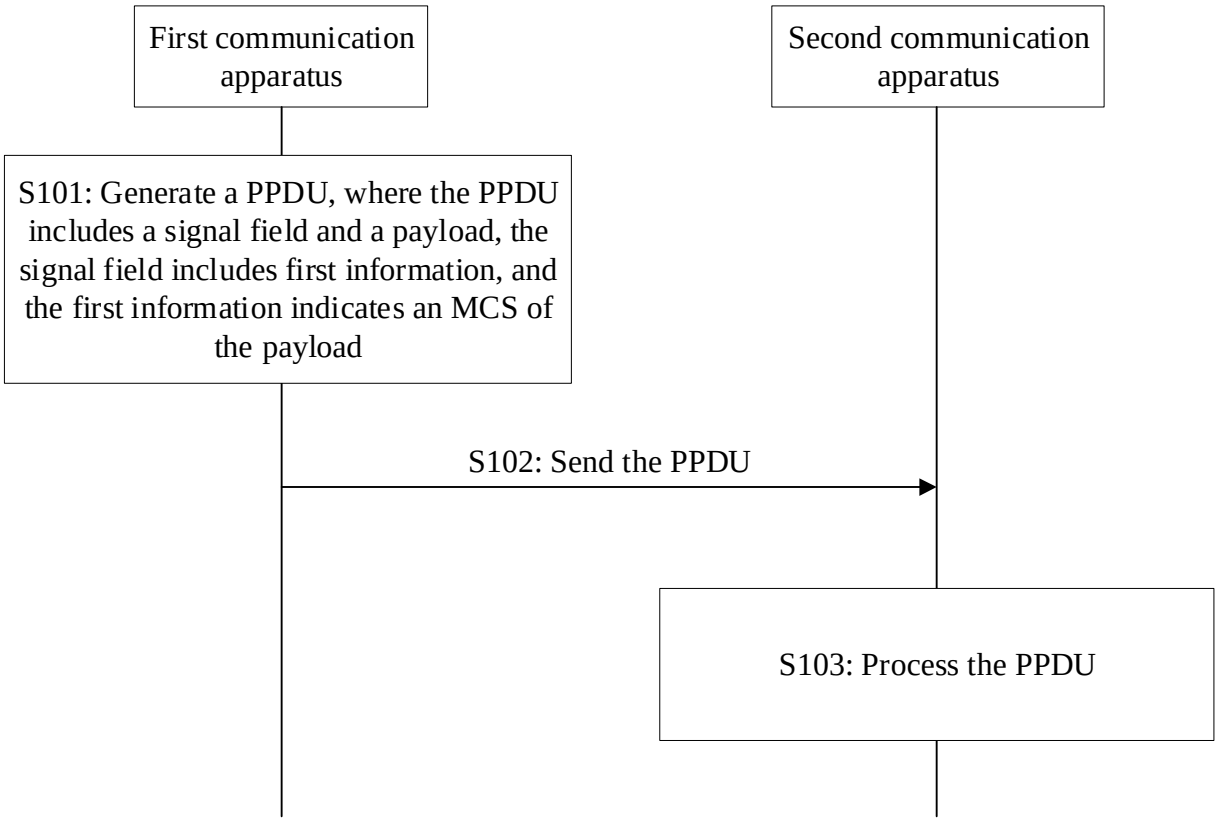


FIG. 6

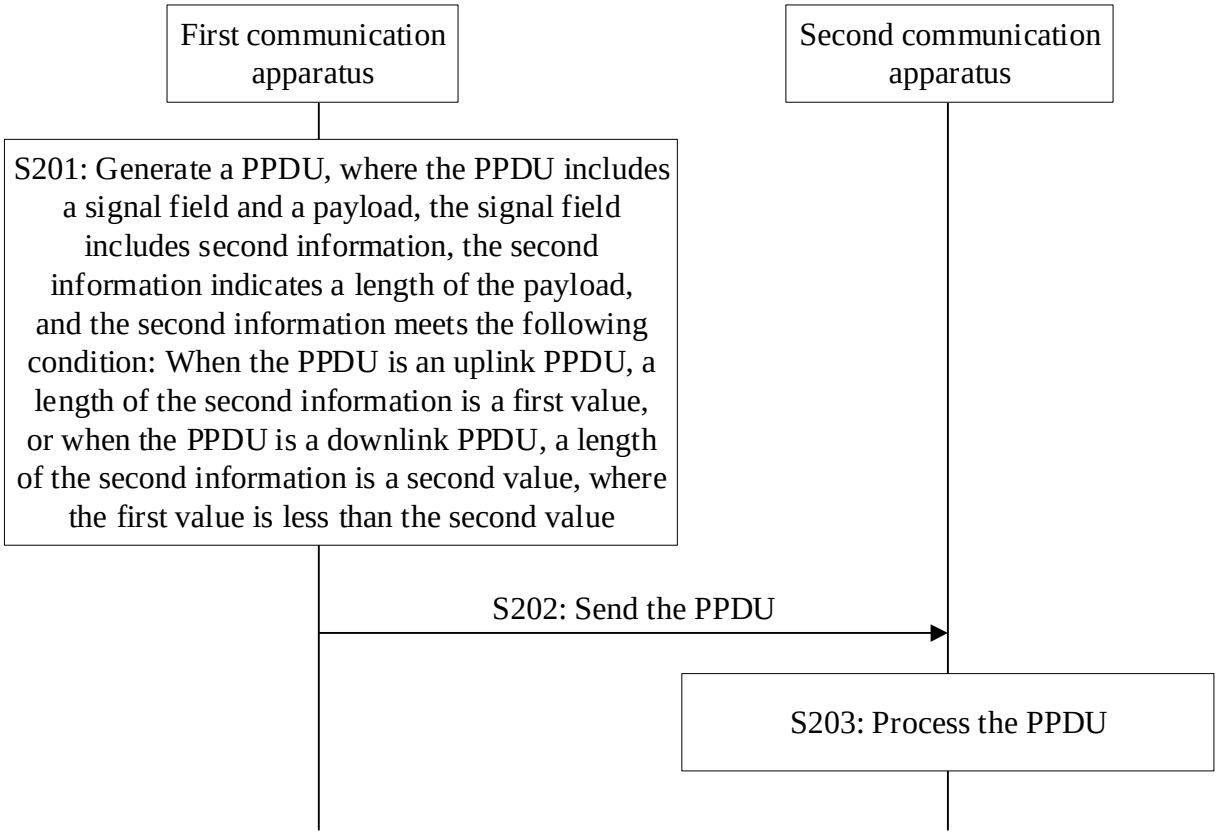

First communication apparatus
Second communication apparatus
S201: Generate a PPDU, where the PPDU includes a signal field and a payload, the signal field includes second information, the second information indicates a length of the payload, and the second information meets the following condition: When the PPDU is an uplink PPDU, a length of the second information is a first value, or when the PPDU is a downlink PPDU, a length of the second information is a second value, where the first value is less than the second value
S202: Send the PPDU
S203: Process the PPDU

FIG. 7

	AMP PPDU indication AMP PPDU indication	Version number Version number	DL/UL indication DL/UL indication	TXOP duration TXOP duration	DL/UL dependent parameters DL/UL dependent parameters	Reserved Reserved	CRC
Bits: Bits	3	3	1	7	8/16	6	4

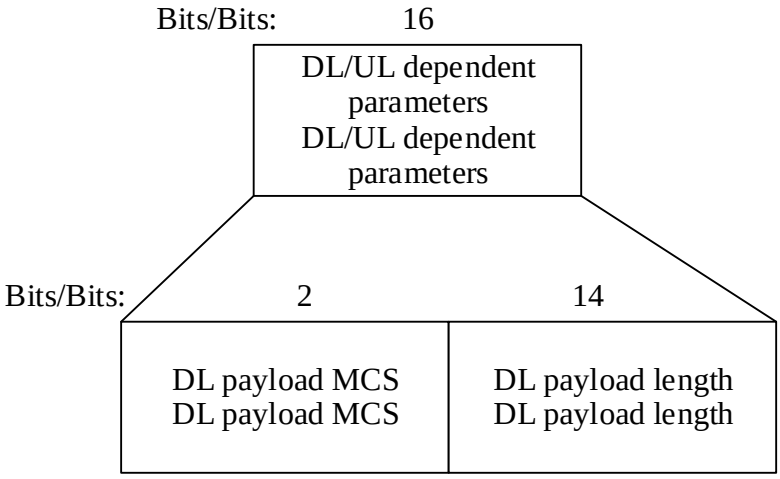
Content of an AMP signal field when an AMP synchronization field is the same as a WUR synchronization field

FIG. 8A

Version number Version number	DL/UL indication DL/UL indication	TXOP duration TXOP duration	DL/UL dependent parameters DL/UL dependent parameters	Reserved Reserved	CRC
Bits: Bits	3	1	7	8/16	1	4

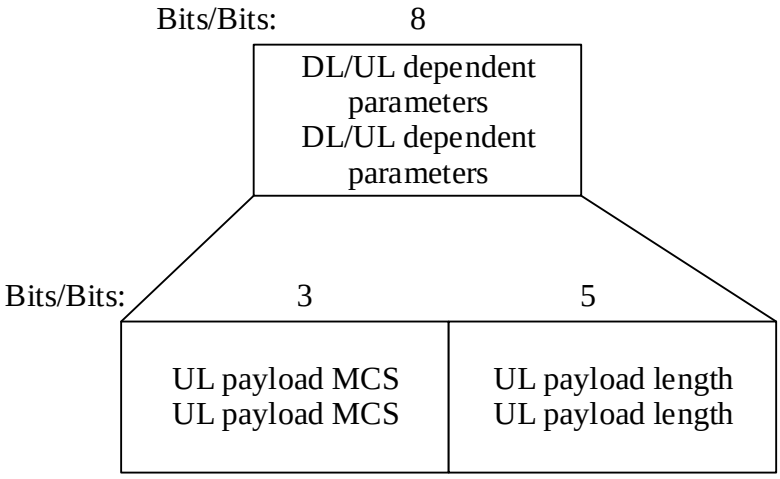
Content of an AMP signal field when an AMP synchronization field is different from a WUR synchronization field

FIG. 8B



Content of a DL/UL dependent parameters field for downlink

FIG. 9A



Content of a DL/UL dependent parameters field for uplink

FIG. 9B

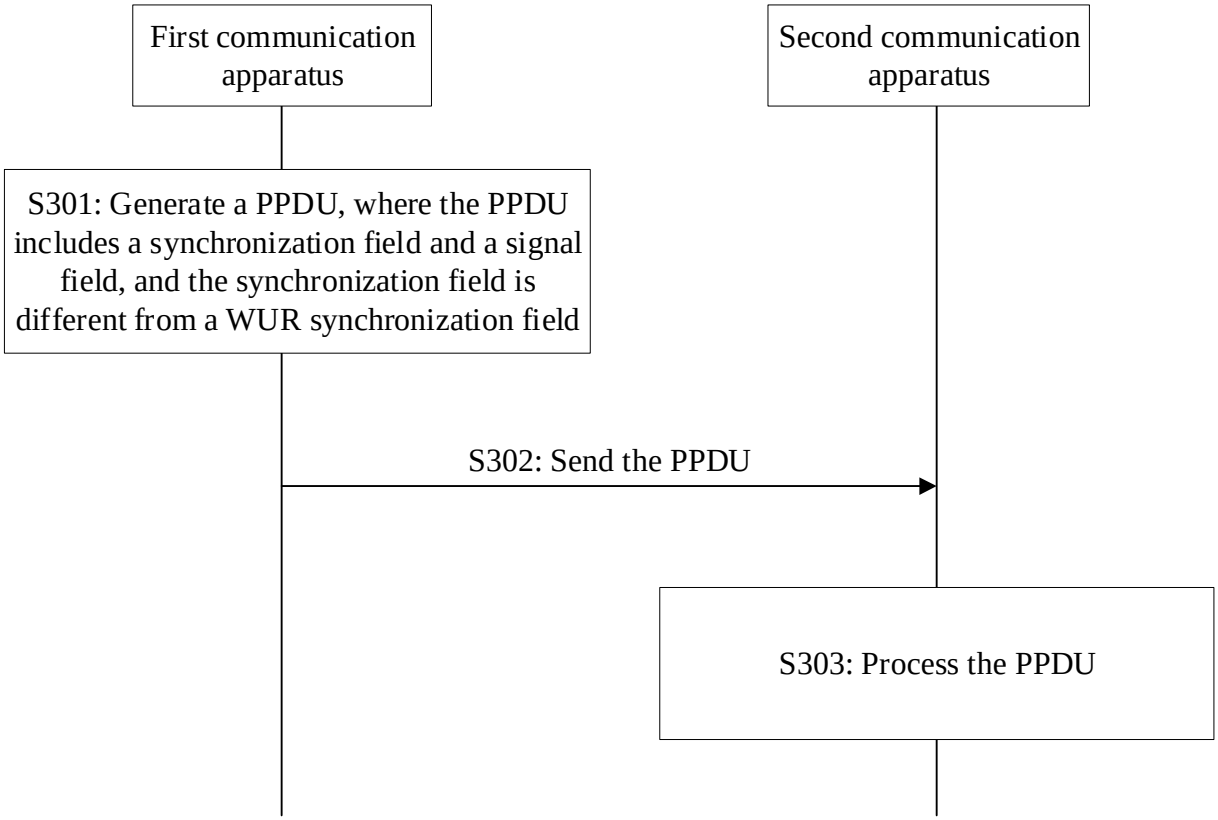

First communication apparatus
Second communication apparatus
S301: Generate a PPDU, where the PPDU includes a synchronization field and a signal field, and the synchronization field is different from a WUR synchronization field
S302: Send the PPDU
S303: Process the PPDU

FIG. 10

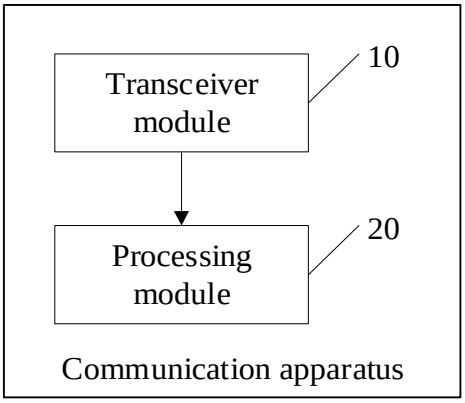

Transceiver module
10
Processing module
20
Communication apparatus

FIG. 11

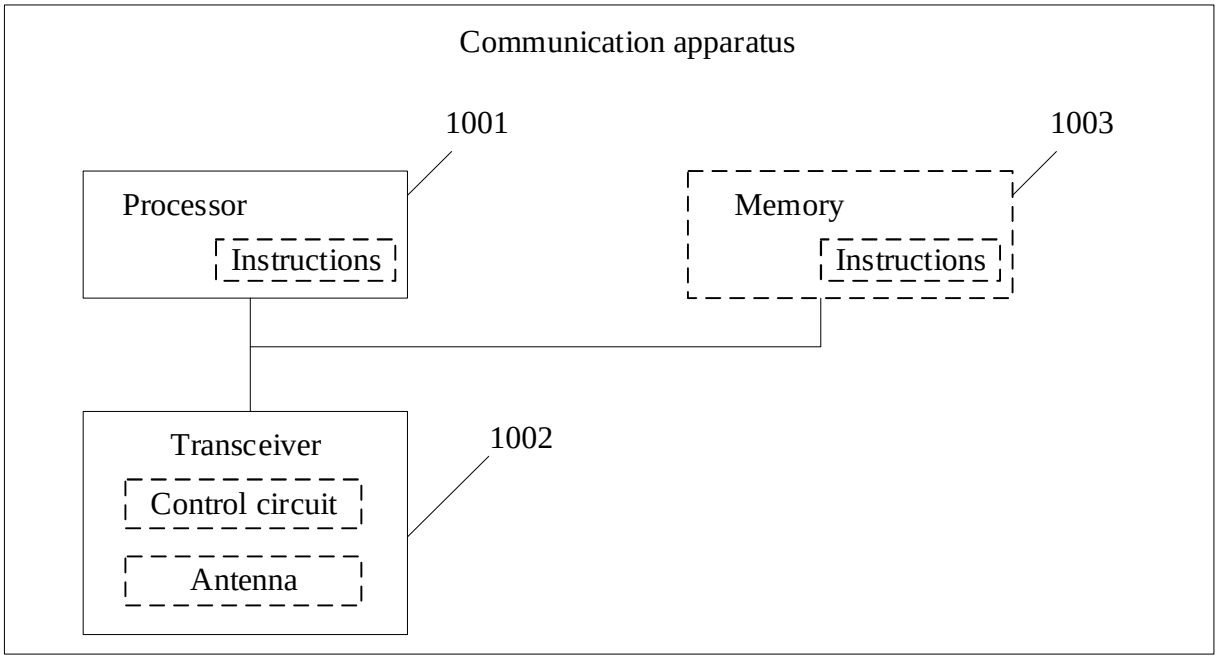

Communication apparatus
1001
Processor
Instructions
1003
Memory
Instructions
Transceiver
1002
Control circuit
Antenna

FIG. 12

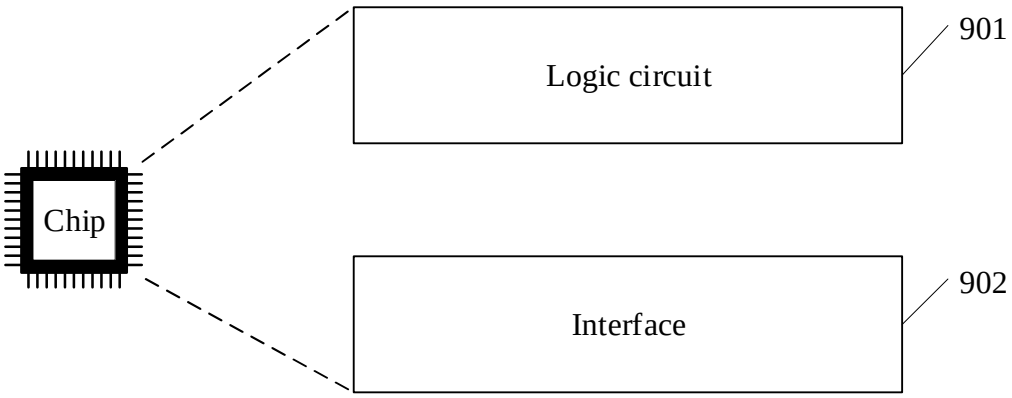

Logic circuit
901
Chip
Interface
902

FIG. 13